# **PCT**

# INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.		
P11824-PCT	International filing date (day/month/ye			
International application No.	•	11 JULY 2003 (11.07.2003)		
PCT/KR2004/001722	12 JULY 2004 (12.07.2004)	11 JOL 1 2003 (11.07.2003)		
Applicant				
SAMSUNG ELECTRONICS CO	., LTD. et al			
This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.				
This international search report consists of a t	otal of 3 sheets.			
It is also accompanied by a cop	y of each prior art document cited in the	iis report.		
language in which it was filed, unles	ss otherwise indicated under this item.	ne basis of the international application in the		
The international search this Authority (Rule 23.		ation of the international application furnished to		
b. With regard to any nucleotide	and/or amino acid sequence disclosed	in the international application, see Box No. I.		
2. Certain claims were found un	searchable (See Box No. II)			
3. Unity of invention is lacking (	See Box No. III)	•		
4. With regard to the title,  X the text is approved as submitte	ed by the applicant.			
	this Authority to read as follows:			
		•		
	•	•		
	i			
5. With regard to the abstract,				
X the text is approved as submitted		the state of the second in Pow No. IV. The applicant		
the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant				
may, within one month from the date of mailing of this international search report, submit comments to this Authority.				
6. With regard to the drawings,				
a. the figure of the drawings to be published with the abstract is Figure No2				
X as suggested by the applicant.				
because the applicant faile				
because this figure better	characterizes the invention.	•		
b. none of the figure is to be publ	ished with the abstract.			
1				



International application No. PCT/KR2004/001722

# CLASSIFICATION OF SUBJECT MATTER

## IPC7 H04B 7/26

According to International Patent Classification (IPC) or to both national classification and IPC

#### FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC7 H04B 7/26, H04Q7/00, H04L12/66

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched KOREAN PATENTS AND APPLICATIONS FOR INVENTIONS SINCE 1975 KOREAN UTILITY MODELS AND APPLICATIONS FOR UTILITY MODELS SINCE 1975

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used) KIPONET, DELPHION & Keywords: media, gateway, megaco, (synchronization or delay) and similar terms

# DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/0009337 A1 (Paul A. Rupsis) 9 January 2003 * the whole document *	1 - 28
Α	US 2003/0064725 A1 (Hakan Niska) 3 April 2003 * the whole document *	1 - 28
Α	US 2001/0043577 A1 (Peter Barany et al.) 22 November 2001 * the whole document *	1 - 28
Α	US 6570871 B1 (Verizon Services Corp.) 27 May 2003 * the whole document *	1 - 28
Α	US 2003/0027595 (Richard Paul Ejzak) 6 February 2003  * the whole document *	1 - 28
Α	3GPP2 N.S0031 LMSD Step1 version 1.0.0; November 2002  * retrieved at http://www.3gpp2.com///Public_html/Specs/N.S0031v1.0_LMSD_Step1.pdf *	1 - 28

ļ	Further documents are listed in the continuation of Box C.	X See patent family annex.
	* Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
١	"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive
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Date of the actual completion of the international search

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being obvious to a person skilled in the art "&" document member of the same patent family

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18 OCTOBER 2004 (18.10.2004)

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document published prior to the international filing date but later

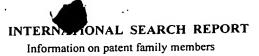
Facsimile No. 82-42-472-7140

SHIN, Jun Ho

Authorized officer

Telephone No. 82-42-481-8129





International application No.

PCT/KR2004/001722

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003/009337	A1	2003-01-09	CA 2432906 A1 EP 1346544 A2 WO 02/054707 A2 WO 02/054707 A3	2002-07-11 2003-09-24 2002-07-11 2002-12-19
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US 6570871	B1	2003-03-27	NONE	
US 2003/027595	A1	2003-02-06	NONE	



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A	US 2001/0043577 A1 (Peter Barany et al) 22 November 2001  † the whole document *	1 - 28
A	US 6570871 B1 (Verizon Services Corp.) 27 May 2003  * the whole document *	1 - 28
<b>A</b>	US 2003/0027595 (Richard Paul Ejzak) 6 February 2003 .  # the whole document **	1 - 28
A	3GPP2 N.S0031 LMSD Step1 version 1.0.0; November 2002 * retrieved at http://www.3gpp2.com///Public_html/Specs/N.S0031v1.0_LMSD_Step1.pdf *	1 - 28
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- date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "&" document member of the same patent family

Date of mailing of the international search report Date of the actual completion of the international search 18 OCTOBER 2004 (18.10.2004) 18 OCTOBER 2004 (18.10.2004)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

SHIN, Jun Ho

Telephone No. 82-42-481-8129

